

ABSTRACT

5 The operating and other procedures of an optical
disk application system of the type for which a network
is used are simplified. Optical disks have auxiliary
10 data recording areas, where different IDs for individual
disks, and/or cipher keys and/or decoding keys for
ciphers are recorded in advance in a factory. By using
the IDs to release the soft ciphers, using the cipher
keys when sending the ciphers, and using the decoding
keys when receiving the ciphers, user authorization
procedures are simplified.